## CLAIMS

What is claimed is:

1. In an information device having a CPU, display controller and a display panel, said display panel split logically into sub-panels, an apparatus comprising:

a plurality of segment drivers coupled between said display panel and said display controller, said segment drivers receiving input data from said controller, said segment drivers translating said data into pixels displayable on said display panel; and

a power control block coupled to said CPU and to said segment drivers to disable a first power source which powers down a first set of said segment drivers, said powering down disabling a first set of sub-panels of said display panel from outputting pixels, said power control block disabling said first power source upon receiving a command from said CPU that said first set of sub-panels are to be powered down.

2. An apparatus according to claim 1 wherein said power control block disables a second power source which powers down a second set of said segment drivers, said powering down disabling a second set of sub-panels from outputting pixels, said power control block disabling said second power source upon receiving a command from said CPU that said second set of sub-panels are to be powered down.

3. An apparatus according to claim 2 wherein said first power source and said second power source are independently switched by said power-control block to enable outputting of pixels on said first set of sub-panels and said second set of sub-panels, respectively.

4. An apparatus according to claim 1 wherein said information device has a normally open latch, said power control block to disable said first power source when said latch is closed.

Sub A2

5. In an information device having a CPU, display controller, and two display panels, an apparatus comprising:

a first set of segment drivers coupled to said display controller to receive as input a first set of data, said first set of segment drivers translating said first set of data into pixels output on a first of said display panels;

a second set of segment drivers coupled to said display controller and said first set of segment drivers to receive a second set of data, said second set of segment drivers translating said second set of data into pixels output on a second of said display panels; and

a power control block coupled to said CPU and to said first and second set of segment drivers to disable a first power source which powers down said second set of segment drivers, said powering down disabling said second display panel from outputting pixels.

6. An apparatus according to claim 5 wherein said power control block disables a second power source which powers down said first set of segment drivers, said powering down disabling said first display panel.

7. A liquid crystal display panel split logically into sub-panels having a plurality of segment drivers each segment driver comprising a pin for receiving a power source signal, said power source signal when enabled enabling outputting of pixels to one of said sub-panels, said power source signal when disabled disabling outputting of pixels.

Sub a3

8. An information device having a single display panel logically split into a first and second sub-panel, said device comprising:

a top shell including a top inner shell and a top outer shell, said top outer shell on the opposing side of said top inner shell, said top inner shell containing said display panel;

a joint coupled to said top shell for folding said device; and

a bottom shell coupled to said top shell through said joint, said bottom shell including a bottom inner shell and a bottom outer shell, said bottom outer shell on the opposing side of said bottom inner shell, said bottom shell having an open area, wherein said open area leaves visible said first sub-panel and hides said second sub-panel when said device is closed about said joint,



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wherein when said device is closed, a first power signal is disabled to power down said second sub-panel and a second power signal is enabled to power said first sub-panel.

8. An information device according to claim 7 wherein when said device is open, said first signal is enabled to power said second sub-panel and said second power signal is enabled to power said first sub-panel.

9. An information device according to claim 7 wherein said information device is capable of performing a certain function when closed about said joint, said function monitored through said open area.

Sub 04

11. An information device having a two separate display panels, each display panel on separate physical planes, said device comprising:

a top shell including a top inner shell and a top outer shell, said top outer shell on the opposing side of said top inner shell, said top inner shell containing both said display panels;

a joint coupled to said top shell for folding said device; and

a bottom shell coupled to said top shell through said joint including a bottom inner shell and a bottom outer shell, said bottom outer shell on the opposing side of said bottom inner shell, said bottom shell having an open area, wherein said open



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area leaves visible said first display panel and hides said second display panel when said device is closed about said joint, wherein when said device is closed, a first power signal is disabled to power down said second display panel and a second power signal is enabled to power said first display panel.

11. An information device according to claim 10 wherein when said device is open, said first power signal is enabled to power said second display panel and said second power signal is enabled to power said first display panel.

13. An information device according to claim 11 wherein said information device is capable of performing a certain function when closed about said joint, said function monitored through said open area.